

Title (en)
Multiplex transmission system.

Title (de)
Multiplexübertragungssystem.

Title (fr)
Système de transmission multiplex.

Publication
EP 0194674 A2 19860917 (EN)

Application
EP 86103347 A 19860312

Priority
• JP 4884485 A 19850312
• JP 4884685 A 19850312

Abstract (en)
57 A multiplex transmission system (100) in which any (N_i) of a plurality of nodes (N_1, \dots, N_n) connected loop-like with a signal transmission path (1a, 1b) and each respectively connected to, for controlling, one of a plurality of electrical equipments is adapted for transmitting, in a given order (i) and in accordance with a time base (t_1) that this node (N_i) itself has, a prepared signal (A_i, D) to the signal transmission path (1a, 1b) and for receiving prepared signal ($A_i, D; A_x, D$) from the signal transmission path (1a, 1b), wherein any (N_1) of the nodes (N_1, \dots, N_n) is adapted, at a time point (r_2, r_3) where this node (N_i) has received the prepared signal (A_x, D) from any other node (N_x) this node (N_i), to have the time base (t_1) of its own synchronized with the time base (t_1) of the other node (N_x). Any (N_i) of the nodes ($N_1 - N_n$) further comprises a monitoring timer (CNT_2) adapted to have a monitoring time interval (t_2, t_3, t_4) set thereon at a predetermined time point (59, 62, 71, 84, 88), and is adapted to rise for transmitting the prepared signal (A_i, D) thereof to the signal transmission path (1a, 1b) when the monitoring timer (CNT_2) has timed up.

IPC 1-7
H04L 11/16

IPC 8 full level
H04L 12/433 (2006.01)

CPC (source: EP US)
H04L 12/433 (2013.01 - EP US)

Cited by
US5737335A; GB2295070B

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0194674 A2 19860917; EP 0194674 A3 19880629; EP 0194674 B1 19920624; CA 1261021 A 19890926; DE 3685761 D1 19920730; DE 3685761 T2 19930107; US 4771423 A 19880913

DOCDB simple family (application)
EP 86103347 A 19860312; CA 503974 A 19860312; DE 3685761 T 19860312; US 83978186 A 19860313